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| Notice of Allowability | Application No. | Applicant(s) | |
| | 10/082,094 | OGIMOTO, SHINICHI | |
| | Examiner | Art Unit | |
| | Donghai D. Nguyen | 3729 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on May 9, 2006.
2. ☒ The allowed claim(s) is/are 1-7, 13, 15, 16 and 21-23, renumber to 1-13.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James D. Hamilton on June 15, 2006.

The application has been amended as follows:

The claims:

- a) "vacuum chucking holes" (claim 1, line 4) has been changed to: --a vacuum chuck--.
- b) "vacuum chucking" (claim 1, line 6) has been changed to: --vacuum chucking holes of said vacuum chuck--.
- c) "by vacuum chucking" (claim 1, line 6) has been changed to: --by vacuum chucking holes--.
- d) "vacuum chucking holes" (claim 1, line 12) has been changed to: --vacuum chuck--.
- e) "to edges" (claim 1, line 13) has been changed to: --to more than two edges--.
- f) "vacuum chucking part" (claim 2, line 5) has been changed to: --vacuum chuck--.
- g) "vacuum chucking part" (claim 5, lines 4-5) has been changed to: --vacuum chuck--.
- h) "vacuum chucking holes" (claim 15, line 19) has been changed to: --a vacuum chuck--.
- i) "vacuum chucking" (claim 15, lines 20-21) has been changed to: --vacuum chucking holes of said vacuum chucking--.

Art Unit: 3729

j) "by vacuum chucking" (claim 15, line 21) has been changed to: --by vacuum chucking holes--.

k) "vacuum chucking holes" (claim 15, line 27) has been changed to: --vacuum chuck--.

l) "to edges" (claim 15, line 28) has been changed to: --to more than two edges--.

m) "vacuum chucking holes" (claim 19, line 15) has been changed to: --a vacuum chuck--.

n) "vacuum chucking" (claim 19, line 17) has been changed to: --vacuum chucking holes of said vacuum chucking--.

o) "vacuum chucking" (claim 19, line 19) has been changed to: --vacuum chucking holes--.

p) "vacuum chucking holes" (claim 19, line 23) has been changed to: --vacuum chuck--.

q) "to edges" (claim 19, line 24) has been changed to: -- to more than two edges--.

2. The following is an examiner's statement of reasons for allowance: the prior art reference alone or in combination fails to teach or suggest the claimed component holding head including "the main electrical holding unit holds the electronic component on straight lines substantially parallel to more than two edges of the electronic component and the main electrical holding unit has vacuum chucking holes locating in a vicinity of the position marks of the electronic component without covering the position marks" in combination with other limitations recited in dependent claims 1, 15 and 19.

Art Unit: 3729

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Donghai D. Nguyen whose telephone number is (571)-272-4566. The examiner can normally be reached on Monday-Friday (9:00-6:00).

DN

June 15, 2006


MINH TRINH
PRIMARY EXAMINER